



Calaveras County Department of Public Works

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January 5, 2004

Natalie Lee
Office of Local Assistance
California Integrated Waste Management Board
PO Box 4025
Sacramento, CA 95812-4025

RE: Amendment of Non-Disposal Facility Element and Siting Element

As noted in the Addendum to the 5-Year Review Report submitted in October 2003, the Non-Disposal Facility (NDFE) and the Siting Elements will need to be amended to identify new facilities that have come into operation since the original Countywide Integrated Waste Management Plan was adopted. A schedule for completing these amendments is provided herein.

AMENDMENT TO THE NON-DISPOSAL FACILITY ELEMENT

The NDFE will be amended to add the Waste Recovery and Transfer Center (WRTC) at the Rock Creek Solid Waste Facility. The revision has been scheduled to coincide with the next facility permit review for the Rock Creek Solid Waste Facility in April 2005 as follows.

<u>Task</u>	<u>Completion Date</u>
1. Finalize NDFE Amendment	August 20, 2004
2. Submit NDFE Amendment to Solid Waste Task Force (SWTF) for review and comment [90 day review period per Title 14 CCR 18765(b)].	September 1, 2004
3. Submit NDFE and SWTF comments to Board of Supervisors and schedule public hearing for the purpose of adopting the Amended NDFE per Title 14 CCR 18776(b).	January 12, 2005
4. Publish legal notice to inform the public of the hearing per Title 14 CCR 18776(b)	January 18, 2005
5. Conduct a public hearing before the Board of Supervisors for the purpose of adopting the NDFE per Title 14 CCR 18766(b).	January 24, 2005



6. Submit NDFE Amendment, comments, public notices and approving resolutions to CIWMB.

March 1, 2005


AMENDMENT TO THE SITING ELEMENT

The Addendum to the 5-Year Review Report also mentioned that the Calaveras Asbestos Monofill (CAM) is in the process of being permitted as a solid waste facility. As part of this process, the Siting Element must be amended to identify CAM. The Calaveras County SWTF considered the Amended Siting Element at their meeting on January 9, 2001. At that meeting a motion was passed to proceed with the Amendment with the recommendation that the Board of Supervisors take no action until the required CEQA review has been completed. The CEQA review is anticipated to be complete in October 2004. The Amendment was also sent to the City of Angels Camp for review. No action was taken by the city and therefore, the Amendment is deemed approved pursuant to PRC 41721.5(e). Based on this information, the following schedule would be implemented for amending the Siting Element.

<u>Task</u>	<u>Completion Date</u>
1. Submit Amended Siting Element to Board of Supervisors and schedule public hearing for the purpose of adopting the Amended Siting Element.	November 4, 2004
2. Publish notice of public hearings to adopt Amended Siting Element. (30 days prior to hearing)	November 5, 2004
3. Conduct public hearing of the Board of Supervisors to adopt Amended Siting Element.	December 13, 2004
4. Submit Amended Siting Element, comments, public notices and approving resolutions to CIWMB.	January 15, 2005

If additional information is needed in regard to these revision schedules, please contact me at (209) 754-6403.

Sincerely,



Jennifer Barr
Program Coordinator
Solid Waste Division

JB/cmk



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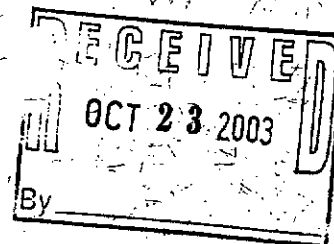
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October 20, 2003

Natalie Lee
Office of Local Assistance
California Integrated Waste Management Board
PO Box 4025
Sacramento, CA 95812-4025



RE: ADDENDUM TO CALAVERAS COUNTY'S CIWMP FIVE YEAR
REVIEW REPORT

Dear Natalie:

Calaveras County's original Five-Year Review Report, submitted to your office in July 2002, included a review of the Source Reduction and Recycling Element, as required by PRC 41822. Subsequent to that submittal, the Calaveras County Solid Waste Task Force met (August 18, 2003) and reviewed the remaining elements of the Countywide Integrated Waste Management Plan. At that meeting, the Task Force approved staff's recommendations, which are included in the attached Addendum. I trust that the information provided therein is sufficient to satisfy the review requirements stipulated by CCR 18788.

Please contact me if you need any additional information at (209) 754-6412.

Sincerely,

Jennifer Barr
Program Coordinator
Solid Waste Division

JB/jb

Attachment



Addendum to the Source Reduction and Recycling Element Five-Year Review Report

State law requires that the LTF review the Countywide Integrated Waste Management Plan at least once every five years to correct any deficiencies and revise the documents as necessary. The Countywide Integrated Waste Management Plan (CIWMP) includes the following documents:

- Source Reduction and Recycling Element
- Household Hazardous Waste Element (HHWE)
- Non-disposal Facility Element (NDFE)
- Countywide Siting Element (CSE)
- Summary Plan.

In April 2002, the LTF reviewed the Source Reduction and Recycling Element of the CIWMP and a report documenting that review was submitted to the CIWMB in June 2002 in accordance with Public Resource Code 41822. The LTF reviewed the remaining CIWMP documents in August 2003. This addendum addresses the remaining elements of the CIWMP.

State law requires these documents be reviewed at least once every five years to correct any deficiencies and revise the documents as necessary. The following issues, which are outlined in the June 2002 SRRE Five-Year Report, have been considered in the review of the remaining CIWMP documents:

- A. Changes in demographics;
- B. Changes in quantities of the waste within the county;
- C. Changes in funding sources for administration of the countywide siting element and summary plan;
- D. Changes in administrative responsibilities;
- E. Program implementation status;
- F. Changes in permitted disposal capacity and quantities of waste disposed of in the county;
- G. Changes in available markets for recyclable materials; and
- H. Changes in the implementation schedule.

Each of the CIWMP documents have been reviewed and findings are summarized below.

HOUSEHOLD HAZARDOUS WASTE ELEMENT

The Household Hazardous Waste Element (Chapter Six of the SRRE) was submitted to the California Integrated Waste Management Board in 1991 and approved by the California Integrated Waste Management Board on May 24, 1995.

The chart below details the programs selected for implementation in the HHW Component:

PROGRAM DESCRIPTION	STATUS
Public Education regarding safe substitutes for hazardous waste and proper disposal of hazardous waste	Implemented - Due to controversy surrounding the validity of safe-alternative claims, public education has focused on proper disposal and awareness of disposal opportunities.
Load checking program	Fully implemented in 1993
Oil collection program	Fully implemented in 1995 - We currently have 8 used oil collection centers throughout the County.
Oil-based paint collection	Alternative implemented in 1993 - A latex paint collection program was established at Rock Creek.
Periodic collection events	Fully implemented in 1994 - The County continues to sponsor annual collection events in six communities.
Permanent collection facility	Fully implemented in 2002 - A permanent hazardous waste collection facility began operation in April 2002.

Universal and recycle-only hazardous wastes comprise a significant portion of the materials collected at the annual collection events. As such, an application for grant funding was submitted and subsequently awarded to construct collection facilities at/or adjacent to the Wilseyville, Red Hill and Avery Transfer Stations.

NON-DISPOSAL FACILITY ELEMENT

As noted in Section 18752(a), "The Nondisposal Facility Element (NDFE) shall identify the nondisposal facilities to be used by a jurisdiction to assist in reaching the diversion mandates."

The only existing non-disposal facility that is not listed in the current NDFE is the Waste Recovery and Transfer Center (WRTC) at the Rock Creek Solid Waste Facility. It is unclear whether or not the WRTC should be considered a distinct "facility" that must be identified in the NDFE. To eliminate any confusion, it is recommend that the NDFE be updated to include the Waste Recovery and Transfer Center. No new non-disposal facilities are planned at this time.

SITING ELEMENT

The purpose of the Siting Element is to "demonstrate there is a countywide or regionwide minimum of 15 years of...disposal capacity." (14 CCR §18755) and identify "each permitted solid waste disposal facility located countywide or regionwide" (14 CCR 18755.5). The current Siting Element meets all of these requirements. Furthermore, disposal capacity is reviewed each year as part of the Annual Report process. It is estimated that the Rock Creek Landfill has 30+ years of disposal capacity remaining.

The only disposal facility not yet included in the Siting Element is the Calavears Asbestos Monofil, which is in the process of being permitted. The Siting Element will be updated once the CEQA process for that project has been completed.

SUMMARY PLAN

As the title suggests, the Summary Plan is a synopsis of the Countywide Integrated Waste Management Plan documents. The current Summary Plan, which was prepared in 1996, along with information submitted with the Annual Report, adequately summarizes the solid waste and household hazardous waste management infrastructure within the county.

LOCAL TASK FORCE REVIEW

After reviewing the CIWMP documents at their meeting on August 18, 2003, the Solid Waste Task Force agreed with staff's conclusions and found that, other than those previously noted in this addendum, no other revisions were needed at this time.

CONCLUSION

Division staff reviewed each CIWMP document and found that the documents, accompanied by the annual reports, continue to serve as appropriate reference tools for implementing and monitoring compliance with AB 939. The basic goals, objectives, policies, infrastructure, funding, and responsible administrative units of the CIWMP are still accurately described in the various planning documents. Changes and minor deviations from the CIWMP have been described in *Annual Reports of Disposal* submitted to the CIWMB and included in the CIWMB's Planning Annual Report Information System (PARIS). Although there have been some changes in program implementation and schedules, they are not considered significant and have been identified in the appropriate Annual Report.

The Annual Report process remains the most appropriate mechanism to monitor changes in the CIWMP implementation. The County feels the most effective allocation of available resources at this time is to continue to utilize existing CIWMP documents as planning tools augmented by annual reports. For these reasons, the County does not feel that revision of its CIWMP is warranted or desirable at this time.

JERRY ANDRESS, Chair
ROD CUMMINS, Vice Chair
MERITA CALLAWAY
GABE KARAM
TOM KIRKLAND
GEORGE MIDDLETON
JERRY ROCCA

CALAVERAS COUNTY
SOLID WASTE TASK FORCE
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May 28, 2002

Rob Houghton, Deputy Director
Calaveras County Department of Public Works
Solid Waste Division
891 Mountain Ranch Road
San Andreas, CA 95249

RE: Source Reduction and Recycling Element Five-Year Review

Dear Rob,

The Calaveras County Solid Waste Task Force (SWTF) reviewed the Source Reduction and Recycling Element and the draft 5-Year Review Report prepared by your staff at the Task Force Meeting on April 9, 2002. The SWTF accepted the SRRE review report with minor language revisions. The SWTF agrees with its Conclusions and finds that a revision of the SRRE is not necessary at this time.

Sincerely,

Jerry Andress
Chair, Solid Waste Task Force

JA/JB/jb

JULY 1, 2002

BOARD OF SUPERVISORS

COUNTY OF CALAVERAS, STATE OF CALIFORNIA

RESOLUTION

NO. 02-183

**RESOLUTION AFFIRMING THE ADEQUACY OF THE SOURCE
REDUCTION AND RECYCLING ELEMENT AND AUTHORIZING
SUBMITTAL OF THE FIVE-YEAR REVIEW REPORT TO THE
CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD**

WHEREAS, the California Integrated Waste Management Act of 1989 (Assembly Bill 939) required the adoption of a Source Reduction and Recycling Element (SRRE) as part of the Countywide Integrated Waste Management Plan (CIWMP); and

WHEREAS, Source Reduction and Recycling Element for City of Angels and unincorporated County was formally adopted by the Calaveras County Board of Supervisors and Angels Camp City Council, and approved by the California Integrated Waste Management Board on May 28, 1997; and,

WHEREAS, Public Resources Code (PRC) Section 41822 requires each city and county to review its Source Reduction and Recycling Element (SRRE) or the CIWMP at least once every five years and prepare a SRRE 5-Year Review Report; and

WHEREAS, the five-year review is coming due; and

WHEREAS, Solid Waste Task Force reviewed the SRRE and preliminary 5-Year Review Report during their April 9, 2002 meeting, and provided written comments; and,

WHEREAS, a 5-Year Review Report has been finalized to incorporate comments from the Solid Waste Task Force and to conclude that the overall goals, objectives, and policies outlined in the SRRE remain applicable and consistent with State code.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors, Calaveras County, State of California that the Source Reduction and Recycling Element is adequate to guide compliance with State code and does not need to be revised at this time; and,

BE IT FURTHER RESOLVED that the Director of Public Works is hereby authorized to submit the Source Reduction and Recycling Element Five-Year Review Report to the California Integrated Waste Management Board.

1 ON A MOTION BY Supervisor Thein, seconded by Supervisor
2 Stein, the foregoing Resolution was duly passed and adopted by the Board of
3 Supervisors of the County of Calaveras, State of California, this 1st date of July, 2002,
4 by the following vote:

5 AYES: Supervisors Thein, Stein, Tryon, Bailey and Callaway

6 NOES: None

7 ABSENT: None

8 ABSTAIN: None

M. L. Callaway
Chair, Board of Supervisors

11 ATTEST:

12 Karen Varni
13 County Clerk and Ex-Officio Clerk
14 to the Board of Supervisors
County of Calaveras, California

15 RUK/JB/tw

STATE OF CALIFORNIA)
) ss

County of Calaveras
1. KAREN VARNI, County Clerk and Ex-Officio Clerk of
the Board of Supervisors of the County of Calaveras,
do hereby certify that the annexed is a true and
correct copy of a portion of the minutes of a meeting
of the Board of Supervisors of said County.
IN WITNESS WHEREOF, I have hereunto set my hand
and caused the Seal of said Board to be affixed.

This 16th day of July, 2002

KAREN VARNI, County Clerk
By Mary Jean Luff Deputy

**FIVE-YEAR
SOURCE REDUCTION
AND
RECYCLING ELEMENT
REVIEW REPORT

FOR

CALAVERAS COUNTY

AND THE

CITY OF ANGELS**

Prepared by

**Calaveras County
Department of Public Works
Solid Waste Division
891 Mountain Ranch Road
San Andreas, CA 95249
(209) 754-6403**

June 2002

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I. INTRODUCTION

A. BACKGROUND

The California Integrated Waste Management Act of 1989 (Assembly Bill 939) required cities and counties in California to reduce the amount of solid waste disposed in landfills and transformed by 25% by 1995 and 50% by the year 2000 through source reduction, recycling, and composting activities. AB939 mandated jurisdictions to prepare several planning documents outlining the manner by which the diversion goals would be met. The planning documents include the following:

- Source Reduction and Recycling Element (SRRE)
- Household Hazardous Waste Element (HHWE)
- Non-disposal Facility Element (NDFE)
- Countywide Siting Element (CSE)
- Summary Plan (SP)

Combined, these documents make up the Countywide Integrated Waste Management Plan (CIWMP).

The SRRE and HHWE were originally prepared in October 1991. In October 1994, a supplement to the original SRRE was prepared. The NDFE was also prepared in October 1994. Each of these components was approved by the County Board of Supervisors and the City of Angels in 1994 and by the California Integrated Waste Management Board (CIWMB) on May 23, 1995. The Countywide Siting Element and Summary Plan were prepared and approved by the County Board of Supervisors and City of Angels in December 1996. They were approved by the CIWMB on May 28, 1997.

The City and County's progress in reaching AB939 goals and changes affecting the CIWMP have been updated each year in the *Annual Report of Disposal*. The most recent *Annual Report of Disposal for the Year 2000* was submitted to the CIWMB on September 1, 2001.

State law (Public Resources Code [PRC] Section 41822) requires each city and county to review its Source Reduction and Recycling Element (SRRE) or the CIWMP at least once every five years to:

- (1) Correct any deficiencies in the element or plan;
- (2) Comply with the source reduction and recycling requirements established under PRC Section 41780; and
- (3) Revise the documents, as necessary.

As the last document of the CIWMP was approved by the CIWMB on May 28, 1997, the anniversary date for the first five-year review is May 28, 2002. This report documents the findings of the mandated SRRE review.

B. SCOPE

State regulations (14 CCR Section 18788) require the local solid waste task force (LTF) to complete a review of the CIWMP or the SRRE to assure that the County's waste management practices remain consistent with the hierarchy of waste management practices defined in PRC Section 40051:

- (1) source reduction;
- (2) recycling and composting;
- (3) environmentally safe transformation and environmentally safe land disposal.

Consistent with those State regulations, the LTF has considered the following issues in its review, each of which is documented herein:

- A. Changes in demographics;
- B. Changes in quantities of the waste within the county;
- C. Changes in funding sources for administration of the countywide siting element and summary plan;
- D. Changes in administrative responsibilities;
- E. Program implementation status;
- F. Changes in permitted disposal capacity and quantities of waste disposed of in the county;
- G. Changes in available markets for recyclable materials; and
- H. Changes in the implementation schedule.

II. DOCUMENT REVIEW

Staff has reviewed the SRRE as amended by the October 1994 Supplemental Report. The overall goals, objectives, and policies outlined in the SRRE remain applicable and consistent with PRC 40051 and 40052. Selected programs outlined in the SRRE have been implemented or alternative programs selected. The status of these programs has been described in *Annual Reports of Disposal* submitted to the CIWMB and included in the CIWMB's Planning Annual Report Information System (PARIS). Although there have been some changes in program implementation and schedules, those changes are not considered significant. These changes have been identified in the appropriate Annual Report and are described further herein. Annual reports document the "good faith effort" that has been made.

Table 1 summarizes diversion performance for Calaveras County and the City of Angels during the past ten years. Although Calaveras County and the City of Angels have demonstrated a "good faith effort" in implementing the SRRE and fulfilling the mandate of AB 939, we have yet to achieve the 50% diversion goal. Regardless, the CIWMP documents, accompanied by the Annual Reports, continue to serve as appropriate reference tools for directing and monitoring compliance with AB939.

Table 1. Division Rate Trends (1990-2000)

Year	Angels Camp	Unincorporated County
1990	4.8%	2.1%
1995	54%	38%
1996	56%	32%
1997	44%	40%
1998	34%	39%
1999	37%	39%
2000	32%	37%

*Source: 1995-1998, CIWMB Website - Diversion Measurement
1999-2000: Annual Reports for Calaveras County and the City of Angels

III. SECTION 18788(3) (A) THROUGH (H) ISSUES

A. DEMOGRAPHICS

As illustrated in Table 2, both the City and County have experienced significant growth over the last decade. Countywide population increased 26.7% and taxable sales increased 40.7%. Although employment based on place of residency has remained relatively unchanged, employment based on place of work has increased 18.5%.

Table 2. Demographic Changes

Demographic Factor	1990	2000	% Change
Angels Camp Population*	2,409	3,004	24.7%
Unincorporated Population*	29,589	37,550	26.7%
Countywide Population*	31,998	40,554	26.7%
Countywide Employment (by place of residence)**	14,120	14,180	0%
Countywide Employment (by place of work)***	6,870	8,140	18.5%

Table 2. Demographic Changes
(continued)

Angels Camp Taxable Sales Transactions**	\$41,805	\$51,802		24.0%
Unincorporated Taxable Sales Transactions**	\$96,227	\$143,511		49.2%
Countywide Taxable Sales Transactions**	\$163,685	\$230,191		40.7%
Statewide Consumer Price Index (CPI)**	135.0	174.8		29.5%

*Source: California Department of Finance, Census 2000 PL 94-171

**Source: CIWMB Website - Default Adjustment Factors

***Source: California Employment Development Department, Annual Average Employment by Industry 1983-2000

B. QUANTITIES OF WASTE

Table 3 provides the calculated per capita waste generation (pounds per person per day) and total calculated waste generation within each jurisdiction. Overall, Countywide waste generation was reduced by approximately 5% from 1990 to 2000 and is 35% less than the 2000 statewide average.

Table 3. Per Capita Waste Generation Calculations

1990

Parameter (1990 Values)	Angels Camp	Un-incorporated County	Countywide	Statewide
Population	2,409	29,589	31,998	29,758,213 ¹
Total Waste Generation (tons) ²	4,564	37,836	42,327	50,900,000 ³
Per Capita (pounds per person per day)	10.4	7.0	7.2	9.4

Table 3. Per Capita Waste Generation Calculations
(continued)

2000

Parameter (2000 Values)	Angels Camp	Uninc. County	Countywide	Statewide
Population	3,004	37,550	40,554	33,871,648 ¹
Total Waste Generation (tons) ²	5,338	45,892	51,230	66,100,000 ³
Per Capita (pounds per person per day)	9.7	6.7	6.9	10.7

1. Source: California Department of Finance

2. Source: 2000 Annual Report for Calaveras County and the City of Angels

3. Source: CIWMB Web Page, Solid Waste Generation and Diversion, California, 1989-2000

The following table summarizes disposal from 1990 to 2000. Disposal tonnage remained fairly stable from 1995 to 1998. Tonnages increased 10% in 1999 and 7% in 2000. As noted in the *Annual Report*, this is likely a result of increased construction activity during those periods. Total tonnage disposed from 1990 to 2000 decreased approximately 17%.

Table 4. Disposal Tonnage Trends (1990-2000) *

Year	Angels Camp	Unincorporated County	Countywide
1990	4,347.00	36,667.00	41,014.00
1995	2,084.00	25,315.70	27,399.70
1996	1,625.00	26,268.10	27,893.10
1997	2,434.00	23,448.15	25,882.15
1998	3,112.00	24,402.29	27,514.29
1999	3,196.50	27,095.25	30,291.75
2000	3,650.44	29,060.18	32,710.62

*Source: 1990: SRRE for Calaveras County and the City of Angels

1995-2000: CIWMB Website - Quarterly Disposal Reporting System (QDRS).

The original SRRE projected waste generation and disposal tonnages from 1990 to 2005. Tables 5 and 6 compare SRRE projected waste generation and disposal tonnage for 2000 with actual tonnage. These projections were based on the assumptions that population would increase 4% per year, waste generation would increase proportional to population, and the 50% diversion target would be achieved for the year 2000. Since the actual growth rate was less than projected, actual waste generation was less than projected. Disposal tonnages are higher than projected based partly on the fact that the 50% diversion goal was not met.

Table 5. Comparison of SRRE 2000 Projected Waste Generation Tonnage vs. 2000 Calculated Estimated Waste Generation Tonnage (Adjustment Methodology)

Jurisdiction	SRRE Projected	Adjustment Methodology	% Difference
Angels Camp	6,756	5,338	-21%
Unincorporated County	55,441	45,892	-17%
Countywide	62,197	51,230	-18%

Table 6. Comparison of SRRE 2000 Projected Disposal Tonnage vs. 2000 Reported Disposal Tonnage (QDRS)

Jurisdiction	SRRE Projected	QDRS Reported	% Difference
Angels Camp	3,378	3,850	14%
Unincorporated County	27,721	30,260	9%
Countywide	31,099	34,110	10%

C. FUNDING SOURCES

No changes have occurred in the funding sources for administration of the CIWMP. Program development, implementation, and monitoring continue to be funded entirely by the County's parcel fee system, by which an annual fee of \$150 per residential equivalent is assessed on developed parcels.

D. ADMINISTRATIVE RESPONSIBILITIES

No changes have occurred in the administration of the CIWMP. Calaveras County Department of Public Works maintains responsibility for all solid waste operations and planning within the County.

E. PROGRAM IMPLEMENTATION

The SRRE listed selected programs that would be implemented as well as alternative programs that would be considered. Annual Reports and PARIS have provided updated information concerning these programs. As noted in the most recent Annual Report, all selected waste diversion programs described in the SRRE (as amended by the October 1994 Supplemental Report) have been implemented. However, the County has been unable to attain the 50% diversion goal. To address this, steps have been taken to increase diversion as follow:

- As an alternative to constructing a traditional MRF with sorting lines, a Waste Recovery and Transfer Center been constructed at the Rock Creek Solid Waste Facility to allow for manual processing of mixed waste. The facility began operations in April 2002. Targeted materials will include wood and green waste, construction and demolition debris, scrap metal and cardboard. The facility will also increase public convenience by providing a central hub for solid waste disposal, drop-off bins for aluminum, glass, plastic, newspapers and magazines, and hazardous waste collection services.
- Curbside recycling was expanded to include the entire County in May 2000. Materials collected include aluminum, glass and plastic (#1 and #2) containers, newspaper, magazines, cardboard and chipboard. Future efforts will be made to increase public awareness of the programs and further increase participation.
- The Red Hill Yard Waste Facility expanded services in July 2001 by accepting segregated wood waste such as construction debris. This facility serves the Highway 4 corridor from Arnold to Angels Camp. Previously, the Rock Creek Solid Waste Facility was the only facility in the County that accepted segregated wood waste.
- Transfer Station recycling services will be expanded to include drop-off bins for cardboard. A two to three month pilot operation will be conducted this summer at the Avery and Red Hill Transfer Stations. Based on the results of the pilot program, cardboard recycling may be expanded to all transfer stations by the end of 2002.

Although these programs will increase diversion, estimates provided in the most recent Annual Report indicate that those programs are not expected to increase diversion to the levels needed to meet the 50% goal. Therefore, the County and City will be requesting a reduced diversion goal pursuant to SB 1066.

F. PERMITTED DISPOSAL CAPACITY

The County-owned and operated Rock Creek Solid Waste Facility currently has an estimated life in excess of 35 years.

G. AVAILABLE MARKETS

Markets for recovered materials continue to be available in Lodi, Stockton and Sacramento as described in the SRRE. However, the declining values of recyclables, increased transportation costs and the distance to market have had significant impacts on diversion programs. These conditions have not only affected County-sponsored programs, but make it increasingly difficult for private recycling enterprises to operate efficiently. Recently, one privately operated recycling center discontinued acceptance of magazines, steel cans and mixed paper due to the unfavorable market conditions.

H. IMPLEMENTATION SCHEDULE

Initial implementation of most, if not all, of the programs selected in the SRRE occurred in a timely manner. These programs were successful in reaching and surpassing the 25% diversion goal through 1999, but fell short of the 50% diversion goal for 2000. Therefore, existing programs have been expanded and new programs have been implemented.

IV. LOCAL TASK FORCE REVIEW

In order to facilitate review of the SRRE, a draft Five-Year Review Report was prepared by Public Works staff and distributed to Solid Waste Task Force (SWTF) members. The SRRE review and the report were discussed at the SWTF meeting on April 9, 2002. The SWTF accepted the SRRE review report with minor revisions and agreed with the conclusions and found that no revisions to the SRRE were needed at this time.

V. CONCLUSIONS AND FINDINGS

The basic goals, objectives, policies, infrastructure, funding, and responsible administrative units noted throughout the SRRE are still accurately described. All of the selected programs and many of the alternative programs have been and are continuing to be implemented. Overall AB9393 compliance and program implementation have been discussed in the Annual Reports and in PARIS.

As noted throughout this report, both the County and City have continued to demonstrate a "good faith effort" in implementing SRRE programs and honoring the intent of AB 939. Despite these efforts, we have fallen short of the numeric diversion goal. As discussed in the most recent Annual Report, we anticipate that recently implemented programs will produce significant benefits as they mature. However, these benefits may not be realized for several years and will likely fall somewhat short of the numeric goals.

As was indicated in the Application for Alternative Diversion Request (SB 1066), as rural jurisdictions, Calaveras County and the City of Angels Camp faced several permanent barriers in achieving the 50% diversion goal for the year 2000. These barriers are discussed below:

➤ **Dispersed Population Distribution Throughout a Large Rural Area:** Calaveras County is distinguished from most other rural counties by the widely scattered nature of its population with no predominant population center. The County is characterized by many relatively small, self-sufficient community areas, most of which are located fairly distant from one another. The City of Angels Camp, for example, represents only 7.4% of the total countywide population. The average population density of the unincorporated area of the County is 37 persons per square mile. This widely dispersed population pattern within Calaveras County is the defining characteristic that has shaped our local solid waste management systems and has proven to be the greatest challenge in developing cost-effective waste diversion programs.

➤ **Poor market conditions for many recyclable materials:** Five years ago, recycling of scrap metal at the landfill generated revenue of over \$1,000 per month. Over the years the value of scrap metal has declined considerably. This, coupled with increasing costs for fuel and the distance to the landfill, has caused our scrap metal hauler to charge \$120 per trip to cover transportation costs. Often the value of the scrap is not enough to offset the cost of transportation. In the year 2000, revenue from scrap metal decreased to approximately \$60 per month.

Declining values of recyclables, increased transportation costs and the distance to market have all had negative impacts on diversion programs. These conditions not only affect County-sponsored programs, but make it increasingly difficult for private recycling enterprises to operate efficiently.

➤ **Limited Number of Commercial/Industrial Activities with Economically Recyclable Waste Streams:** Unlike many other rural jurisdictions, there are no individual waste generators within the County that generate significant quantities of any "single product" waste types (such as ash, drilling muds, or fish processing wastes) which can often help achieve significant waste diversion levels.

In light of these factors, the City and County will be petitioning the CIWMB for an Alternative Diversion Requirement and/or Time Extension pursuant to SB 1066. The Annual Report process, combined with the petitions for time extensions and diversion rate reductions, would seem to be appropriate mechanisms to monitor changes in SRRE program implementation. The County feels

the most effective allocation of available resources at this time is to continue to utilize the existing CIWMP as a planning tool augmented by the annual reports. For these reasons, the County does not feel that revision of its SRRE is warranted or desirable at this time.